

Access DB# 84990

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: DUNC DINA Examiner #: 70717 Date: 1/23/03  
Art Unit: US3 Phone Number 30 5-96 55 Serial Number: 09/779 177  
Mail Box and Bldg/Room Location: 5K17 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

*litigation search for pat 5,909,545*

01-23-03 A08:35 IN

### STAFF USE ONLY

Searcher: S. Green Type of Search \_\_\_\_\_ Vendors and cost where applicable  
Searcher Phone #: 6-4767 NA Sequence (#) STN  
Searcher Location: 4B40 AA Sequence (#) Dialog  
Date Searcher Picked Up: 1/23/03 Structure (#) Questel/Orbit 3min 35.06  
Date Completed: 1/23/03 Bibliographic Dr. Link  
Searcher Prep & Review Time: \_\_\_\_\_ Litigation ☒ Lexis/Nexis 3min  
Clerical Prep Time: \_\_\_\_\_ Fulltext \_\_\_\_\_ Sequence Systems \_\_\_\_\_  
Online Time: Lexis Patent Family WWW/Internet  
Other \_\_\_\_\_ Other (specify) \_\_\_\_\_



UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5909545

June 1, 1999

Method and system for on demand downloading of module to  
enable remote control of an application program over a  
network

REISSUE: Reissue Application filed Apr. 24, 2001 (O.G. May 29, 2001) Ex. Gp.:  
2757; Re. S.N. 09/779,177, (O.G. May 29, 2001)

INVENTOR: Frese, II, Vincent, Woodstock, GA; Blevins, W. Brian, Canton, GA

CERT-CORRECTION: November 28, 2000 - (O.G. November 28, 2000) a Certificate of  
Correction was issued for this patent

APPL-NO: 589136 (08)

FILED-DATE: January 19, 1996

GRANTED-DATE: June 1, 1999

ASSIGNEE-AFTER-ISSUE: April 19, 1996 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE  
DOCUMENT FOR DETAILS)., MAXIMUM COMPUTER TECHNOLOGIES, INC. BUILDING 200, SUITE  
240 1000 COBB PLACE B OULEVARD KENNESAW GEORGIA 30144, Reel and Frame Number:  
007896/0644

June 24, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).,  
TRIDIA CORPORATION BUILDING 200, SUITE 210 1000 COBB PLACE BLVD., NW KENNESAW  
GEORGIA 30144, Reel and Frame Number: 009283/0381

LEGAL-REP: Morris, Manning & Martin, L.L.P.

US-MAIN-CL: 709#208

SEARCH-FLD: 395#200.32, 395#200.34, 395#200.35, 395#684, 395#200.38, 707#500,  
707#501, 707#526

IPC-MAIN-CL: G 06F015#136

PRIM-EXMR: Dinh, Dung C.

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: ALL**



ENGLISH-ABST:

The system and method is disclosed for remotely controlling an application program over a network. The system includes an application interception module and remote display module. The remote display module is transported across the network and executed on the user system in response to a user's request to provide on-demand remote control of an application program. The application interception module captures an I/O stream generated by an application program, converts it to remote control protocol messages and transports them across a network to the remote display module executing in the user system. The remote display module converts the remote control protocol messages to system calls compatible with the operating system environment for the users computer. Likewise, the remote display module converts system calls to the local resource interface in the user's computer to remote control protocol messages which are transported across the network to the application interception module. The application interception module interface converts the remote control protocol messages to system calls for the application program. In this manner, output from the application program is provided to the user's computer and input actions at the user's computer are provided to the application program. Preferably, the remote display modules and application programs are presented through HTTP servers over a network to a user's system which uses a browser having a JAVA interpreter to execute the remote display module and convert the remote control protocol messages.



**No Documents Found**

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**LEXIS-NEXIS**  
**Library: PATENT**  
**File: JNLS**



**No Documents Found**

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**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**



us5909545/pn.

\*\* SS 1: Results 1

Search statement 2

?prt full nonstop legalall

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image

PN - US5909545 A 19990601 [US5909545]

TI - (A) Method and system for on demand downloading of module to enable remote control of an application program over a network

PA - (A) TRIDIA CORP (US)

IN - (A) FRESE II VINCENT (US); BLEVINS W BRIAN (US)

AP - US58913696 19960119 [1996US-0589136]

PR - US58913696 19960119 [1996US-0589136]

IC - (A) G06F-015/136

EC - G06F-009/44W

- G06F-009/455A

PCL - ORIGINAL (O) : 709208000

DT - Basic

CT - US5280583; US5315711; US5347632; US5379374; US5392400; US5491791;  
US5530795; US5537548

- X Over the Web, Daniel Dandailler, The X Resource, Issue 15.

Levitt, Jason "Building apps with Navigator," Information Week, Nov. 6 1995, n552 p88(4): CD. Computer Select 1995.

STG - (A) United States patent

AB - The system and method is disclosed for remotely controlling an application program over a network. The system includes an application interception module and remote display module. The remote display module is transported across the network and executed on the user system in response to a user's request to provide on-demand remote control of an application program. The application interception module captures an I/O stream generated by an application program, converts it to remote control protocol messages and transports them across a network to the remote display module executing in the user system. The remote display module converts the remote control protocol messages to system calls compatible with the operating system environment for the users computer. Likewise, the remote display module converts system calls to the local resource interface in the user's computer to remote control protocol messages which are transported across the network to the application interception module. The application interception module interface converts the remote control protocol messages to system calls for the application program. In this manner, output from the application program is provided to the user's computer and input actions at the user's computer are provided to the application program. Preferably, the remote display modules and application programs are presented through HTTP servers over a network to a user's system which uses a browser having a JAVA interpreter to execute the remote display module and convert the remote control protocol messages.

1/1 LGST - (C) LEGSTAT

PN - US 5909545 [US5909545]

AP - US 589136/96 19960119 [1996US-0589136]

DT - US-P

ACT - 19960119 US/AE-A

APPLICATION DATA (PATENT)

{US 589136/96 19960119 [1996US-0589136]}

- 19960419 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

MAXIMUM COMPUTER TECHNOLOGIES, INC. BUILDING 200, SUITE 240 1000 COBB



PLACE BOUL \* FRESE II, VINCENT : 19960415; BLEVINS, W. BRIAN : 19960415  
- 19980624 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
TRIDIA CORPORATION BUILDING 200, SUITE 210 1000 COBB PLACE BLVD., NW  
KENNESAW, G \* MAXIMUM COMPUTER TECHNOLOGIES, INC. : 19980420

- 19990601 US/A  
PATENT  
- 20001128 US/CC  
CERTIFICATE OF CORRECTION  
- 20010529 US/RF  
REISSUE APPLICATION FILED  
20010424

UP - 2001-23

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,909,545 A 19990601 [US5909545]

PA - Tridia Corp

ACT - 20010424 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20010529

REISSUE REQUEST NUMBER: 09/779177

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2757

Reissue Patent Number:

1/2 PAST - (C) Thomson Derwent

AN - 200122-002501

PN - 5909545 A [US5909545]

OG - 2001-05-29

ACT - REISSUE APPLICATION FILED

2/2 PAST - (C) Thomson Derwent

AN - 200048-000134

PN - 5909545 A [US5909545]

OG - 2000-11-28

ACT - CERTIFICATE OF CORRECTION



fam us5909545/pn

1 Patent Groups  
\*\* SS 1: Results 1

Search statement 2

?famstate nonstop

1/1 INPADOC - (C) INPADOC

PN - US 5909545 A 19990601 [US5909545]

TI - METHOD AND SYSTEM FOR ON DEMAND DOWNLOADING OF MODULE TO ENABLE REMOTE  
CONTROL OF AN APPLICATION PROGRAM OVER A NETWORK

IN - FRESE II VINCENT [US]; BLEVINS W BRIAN [US]

PA - TRIDIA CORP [US]

AP - US 589136/96-A 19960119 [1996US-0589136]

PR - US 589136/96-A 19960119 [1996US-0589136]

IC - G06F-015/136

1/1 LEGALI - (C) LEGSTAT

PN - US 5909545 [US5909545]

AP - US 589136/96 19960119 [1996US-0589136]

DT - US-P

ACTE- 19960119 US/AE-A

APPLICATION DATA (PATENT)

{US 589136/96 19960119 [1996US-0589136]}

- 19960419 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

MAXIMUM COMPUTER TECHNOLOGIES, INC. BUILDING 200, SUITE 240 1000 COBB

PLACE BOUL \* FRESE II, VINCENT : 19960415; BLEVINS, W. BRIAN : 19960415

- 19980624 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

TRIDIA CORPORATION BUILDING 200, SUITE 210 1000 COBB PLACE BLVD., NW

KENNESAW, G \* MAXIMUM COMPUTER TECHNOLOGIES, INC. : 19980420

- 19990601 US/A

PATENT

- 20001128 US/CC

CERTIFICATE OF CORRECTION

- 20010529 US/RF

REISSUE APPLICATION FILED

20010424

UP - 2001-23